

SUDAS District 5 Committee Meeting Minutes

April 25, 2019

The meeting was called to order at 10:02 am by Steve Hausner.

Present:

Bill Haag, Koala Consulting Services
Larry Driscoll, City of Fort Madison
Zach Leach, PSBA
Mark Bousselet, City of Keokuk
Christy VanBuskirk, Iowa DOT
Jesse Howe, City of Burlington
Jeremiah Selby, Monroe County
Jack Pope, Garden & Associates

Akhilesh Pal, City of Oskaloosa
Dwight Dohlman, City of Ottumwa
David Carroll, Warren County
Steve Hausner, French-Reneker Associates
Ryne Thornburg, Van Buren County
Paul Wiegand, SUDAS
Beth Richards, SUDAS

I. Administrative

A. Election

Terry Knoke was the District 5 Chair and recently retired. Steve Hausner is currently the Vice Chair and has agreed to move up to Chair. Steve Hausner nominated Jack Pope as Vice Chair and Akhilesh Pal seconded. Larry Driscoll nominated Steve Hausner as Chair and Akhilesh Pal seconded. Both motions carried.

B. Minutes of the previous meetings and schedule of district meetings

The motion to approve the minutes was made by David Carroll and seconded by Jesse Howe. The motion was approved. The committee concurred with the proposed meeting schedule.

C. Board of Directors meeting minutes

A summary of actions from the October Board electronic vote was presented.

II. Design Manual Items

A. Clear zone in urban areas (Section 5C-1, Table 5C-1.05)

Set the preferred and acceptable clear zone on low speed urban roadways without consideration for roadway classification. This committee had the following comments: reference the roadside design guide. Delete the first part of the first sentence (“parking lane, bike lane, and curb offset widths may be included as part of the clear zone; however”). The motion to approve (with the changes above) was made by Bill Haag and seconded by Larry Driscoll. The motion carried. *Note - these revisions were made.*

B. LED street lighting (Chapter 11)

Updated the chapter to reflect use of LED street lighting. One committee member asked about parking lots. The motion to approve was made by Jesse Howe and seconded by Jack Pope. The motion was approved. *Note - the same standards can be applied to parking lots.*

C. Temporary traffic control (Sections 13B-1 through 13B-6)

Added section on the design requirements for work zone traffic control. One committee member suggested adding a statement to make sure the traffic control diaries are up to date. The motion to approve was made by David Carroll and seconded by Ryne Thornburg. The motion was approved. *Note - the comment above is already addressed.*

III. Specifications Manual Items

A. MAPLE abbreviation and definition (Section 1010, 1.02 and 1.03)

Added an abbreviation and definition in order to reference MAPLE within the specifications. The motion to approve was made by Steve Hausner and seconded by Jeremiah Selby. The motion was approved.

B. Compaction testing for subgrade cut sections (Section 2010, 3.06)

Clarified that moisture and density elements should be used for compaction in subgrade cut sections. The motion to approve was made by Steve Hausner and seconded by Jack Pope. The motion was approved.

C. Linear trench drain (Section 4020, 1.08, 2.02, 3.04, and Figure 6010.521)

Added linear trench drain as joint SUDAS/Iowa DOT specifications and figure. Agreed with District 6 to have a minimum thickness for the T dimension. The motion to approve was made by Akhilesh Pal and seconded by Jesse Howe. The motion was approved. *Note - revised.*

D. Pipe rehabilitation (Section 4050)

Revised the pipe rehabilitation section based on current practices/products. The motion to approve was made by Dwight Dohlman and seconded by Akhilesh Pal. The motion was approved.

E. Intakes (Section 6010, 2.01 and Figures 6010.515, 541, 542, and 545)

Developed a new figure for a double well area intake. Added three Iowa DOT figures - open-throat curb intake under pavement, extension unit for open-throat curb intake under pavement, and single open-throat curb intake with extended opening. The motion to approve was made by Bill Haag and seconded by Ryan Thornburg. The motion was approved.

F. Adjustable casting (Section 6010, 2.01, D; 3.01, J; and Figures 6010.601 and 602)

Revised text and figures to allow for an additional adjustable casting. The motion to approve was made by Dwight Dohlman and seconded by Larry Driscoll. The motion was approved.

G. Cementitious mortar liner with epoxy seal (Section 6020, 2.03)

Developed ranges as opposed to a single value to allow for more products. The motion to approve was made by David Carroll and seconded by Akhilesh Pal. The motion was approved.

H. Honeycomb repair (Section 7010, 3.02)

Added information for honeycomb repair of non-formed paving. The motion to approve was made by Ryne Thornburg and seconded by Zach Leach. The motion was approved.

I. Driveway drop curb heights (Figures 7010.102 and 7030.101)

Resolved differences in drop curb heights in new PCC pavements and driveway sections. The motion to approve was made by Jack Pope and seconded by Dwight Dohlman. The motion was approved.

J. Boxouts in HMA pavements (Figure 7020.201)

Expanded options for jointing when HMA is extended through the boxout to the casting. The motion to approve was made by Akhilesh Pal and seconded by David Carroll. The motion was approved.

K. High performance thin lift overlays (Spec Sect 7021, 2.04, C; Design Sect 5J-1, C, 1, b)

Modified binder grade to ensure adequate crack resistance properties. The motion to approve was made by Akhilesh Pal and seconded by Jeremiah Selby. The motion was approved.

L. Driveway flares (Spec Figures 7030.101 and 102; Design Section 5L-4, C)

Clarified that the flare should be 3 to 5 feet for residential and agricultural driveways. The motion to approve was made by Bill Haag and seconded by Jesse Howe. The motion was approved.

M. Temporary traffic signals (Section 8010, 1.08 and 3.06)

Expanded payment and removal process for temporary traffic signals. The motion to approve was made by Jesse Howe and seconded by Jack Pope. The motion was approved.

IV. Other

A. Discussion Items

- *Provide additional guidance on construction staking when 3D design models are available? Committee to develop?* Follow whatever Iowa DOT does.
- *As their use increases, do 3D plans ever become the plans that govern?* No.
- *Identify specific trench dewatering control techniques (gravity bag filter, gravity tank, etc.)?* Not using yet.
- *Erosion and sediment control applications: Add slash berms? Add anchored temporary coverings? Delete compost filter berms?* No one here is using these applications.
- *Should we add bid item and execution elements for abandoning water mains?* No.
- *Should we specifically identify the type of water valve tapping assembly in bid item and product sections - wet tap or insertion?* No.
- *Other?* None

B. Products and/or research

Issues with the interlayer

The meeting was adjourned at 12:57 pm.

Minutes were recorded by Beth Richards, SUDAS Program Coordinator.